

## ABSTRACT

A storing section 49 stores data of a pull down cooling characteristic indicative of a time-varying mode of reduction in a target temperature drop. For example, when this is a linear function line  $x_p$ , a target internal temperature drop degree takes a constant value  $A_p$ , irrespective of an internal temperature. Upon the start of pull down control, the internal temperature is detected at every sampling time. An actual temperature drop degree  $S_p$  is computed on the basis of the detected internal temperature. The computed value  $S_p$  is compared with a target value  $A_p$  read from the storing section 49. When the computed value  $S_p$  is less than the target value  $A_p$ , a rotational speed of an inverter compressor 32 is increased via an inverter circuit 55. In the contrary case, when the computed value  $S_p$  is larger than the target value  $A_p$ , the rotational speed of the compressor 32 is decreased. The speed increases and decreases are repeated so that pull down cooling is performed along the linear line  $x_p$ .